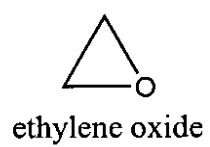
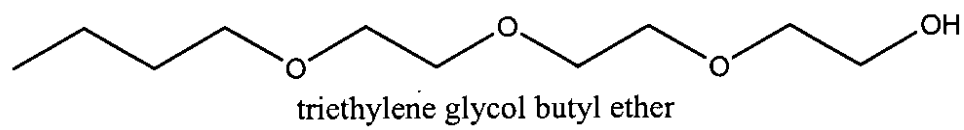
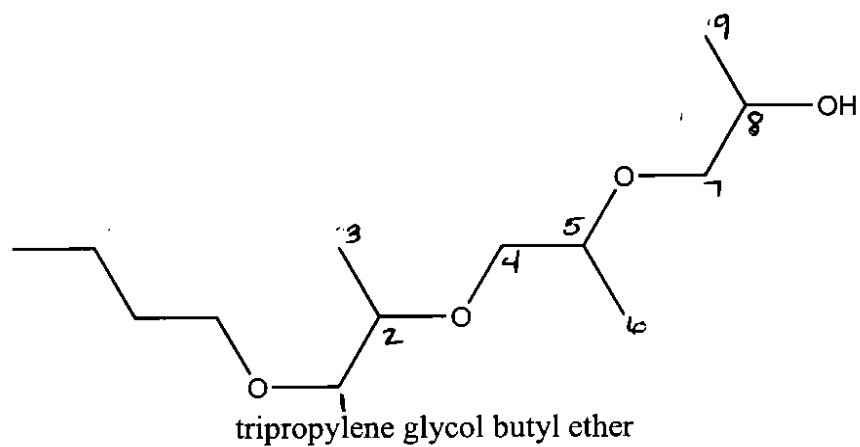
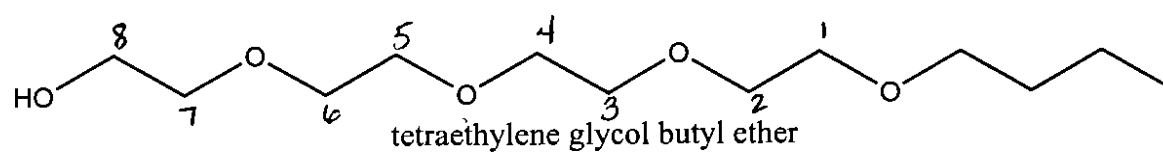


L Number	Hits	Search Text	DB	Time stamp
1	21176	(self\$dispers\$5 self adj dispers\$5 modif\$5 surface adj treat\$4) same pigment	USPAT; US-PGPUB	2004/05/25 13:08
2	5959	((self\$dispers\$5 self adj dispers\$5 modif\$5 surface adj treat\$4) same pigment) and ink and (water aqueous)	USPAT; US-PGPUB	2004/05/25 14:34
3	929	((self\$dispers\$5 self adj dispers\$5 modif\$5 surface adj treat\$4) same pigment) and ink and (water aqueous)) and glycol near ether	USPAT; US-PGPUB	2004/05/25 13:09
4	3	((self\$dispers\$5 self adj dispers\$5 modif\$5 surface adj treat\$4) same pigment) and ink and (water aqueous)) and glycol near ether) and (tetraethylene tripropylene) near glycol near butyl near ether	USPAT; US-PGPUB	2004/05/25 14:34
5	50261	(belmont johnson adam yatake osumi).in.	USPAT; US-PGPUB	2004/05/25 13:13
6	262	((belmont johnson adam yatake osumi).in.) and ((self\$dispers\$5 self adj dispers\$5 modif\$5 surface adj treat\$4) same pigment)	USPAT; US-PGPUB	2004/05/25 13:13
7	134	((belmont johnson adam yatake osumi).in.) and ((self\$dispers\$5 self adj dispers\$5 modif\$5 surface adj treat\$4) same pigment)) and ((self\$dispers\$5 self adj dispers\$5 modif\$5 surface adj treat\$4) same pigment) and ink and (water aqueous))	USPAT; US-PGPUB	2004/05/25 13:13
8	38	((belmont johnson adam yatake osumi).in.) and ((self\$dispers\$5 self adj dispers\$5 modif\$5 surface adj treat\$4) same pigment)) and ((self\$dispers\$5 self adj dispers\$5 modif\$5 surface adj treat\$4) same pigment) and ink and (water aqueous))) and (((self\$dispers\$5 self adj dispers\$5 modif\$5 surface adj treat\$4) same pigment) and ink and (water aqueous)) and glycol near ether)	USPAT; US-PGPUB	2004/05/25 13:13
9	0	pigmetn and ink and (water aqueous)	USPAT; US-PGPUB	2004/05/25 14:34
10	29173	pigment and ink and (water aqueous)	USPAT; US-PGPUB	2004/05/25 14:34
11	8291	(pigment and ink and (water aqueous)) and glycol near3 ether	USPAT; US-PGPUB	2004/05/25 14:35
12	2157	((pigment and ink and (water aqueous)) and glycol near3 ether) and (tetraethylene tripropylene)	USPAT; US-PGPUB	2004/05/25 14:38
13	133	((pigment and ink and (water aqueous)) and glycol near3 ether) and (tetraethylene tripropylene)) and 106/31.86.ccls.	USPAT; US-PGPUB	2004/05/25 14:39
14	28	((pigment and ink and (water aqueous)) and glycol near3 ether) and (tetraethylene tripropylene)) and 106/31.86.ccls.) and faison.xa.	USPAT; US-PGPUB	2004/05/25 15:19
15	2103	((pigment and ink and (water aqueous)) and glycol near3 ether) and (tetraethylene tripropylene) same glycol	USPAT; US-PGPUB	2004/05/25 14:39
16	131	((pigment and ink and (water aqueous)) and glycol near3 ether) and (tetraethylene tripropylene) same glycol) and 106/31.86.ccls.	USPAT; US-PGPUB	2004/05/25 14:39
17	105	((pigment and ink and (water aqueous)) and glycol near3 ether) and (tetraethylene tripropylene)) and 106/31.86.ccls.) not (((pigment and ink and (water aqueous)) and glycol near3 ether) and (tetraethylene tripropylene)) and 106/31.86.ccls.) and faison.xa.)	USPAT; US-PGPUB	2004/05/25 15:19
18	103	((pigment and ink and (water aqueous)) and glycol near3 ether) and (tetraethylene tripropylene) same glycol) and 106/31.86.ccls.) not (((pigment and ink and (water aqueous)) and glycol near3 ether) and (tetraethylene tripropylene)) and 106/31.86.ccls.) and faison.xa.)	USPAT; US-PGPUB	2004/05/25 16:05

19	41	((self\$dispers\$5 self adj dispers\$5 modif\$5 surface adj treat\$4) same pigment) and (((((pigment and ink and (water aqueous)) and glycol near3 ether) and (tetraethylene tripropylene) same glycol) and 106/31.86.ccls.) not (((((pigment and ink and (water aqueous)) and glycol near3 ether) and (tetraethylene tripropylene)) and 106/31.86.ccls.) and faison.xa.))	USPAT; US-PGPUB	2004/05/25 16:05
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L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 1559-34-8 REGISTRY  
 CN 3,6,9,12-Tetraoxahexadecan-1-ol (7CI, 8CI, 9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 2-(2-(2-(2-Butoxyethoxy)ethoxy)ethoxy)ethanol  
 CN Ethanol, 2-[2-[2-(2-butoxyethoxy)ethoxy]ethoxy]-  
 CN **Tetraethylene glycol butyl ether**  
 CN Tetraethylene glycol monobutyl ether  
 CN Tetraoxyethylene monobutyl ether  
 FS 3D CONCORD  
 MF C12 H26 O5  
 CI COM  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,  
 CSCHM, DETHERM\*, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, SPECINFO, TOXCENTER,  
 USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Journal; Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC  
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: RACT (Reactant or  
 reagent); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
 study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP  
 (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in  
 record)  
 RLD.NP Roles for non-specific derivatives from non-patents: PREP  
 (Preparation); PROC (Process)

n-BuO-CH<sub>2</sub>-CH<sub>2</sub>-O-CH<sub>2</sub>-CH<sub>2</sub>-O-CH<sub>2</sub>-CH<sub>2</sub>-O-CH<sub>2</sub>-CH<sub>2</sub>-OH

**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

110 REFERENCES IN FILE CA (1907 TO DATE)  
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 110 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

FILE 'REGISTRY' ENTERED AT 15:04:59 ON 25 MAY 2004

L1 1 S TETRAETHYLENE GLYCOL BUTYL ETHER/CN  
L2 0 S TRIPROPYLENE GLYCOL BUTYL ETHER/CN